

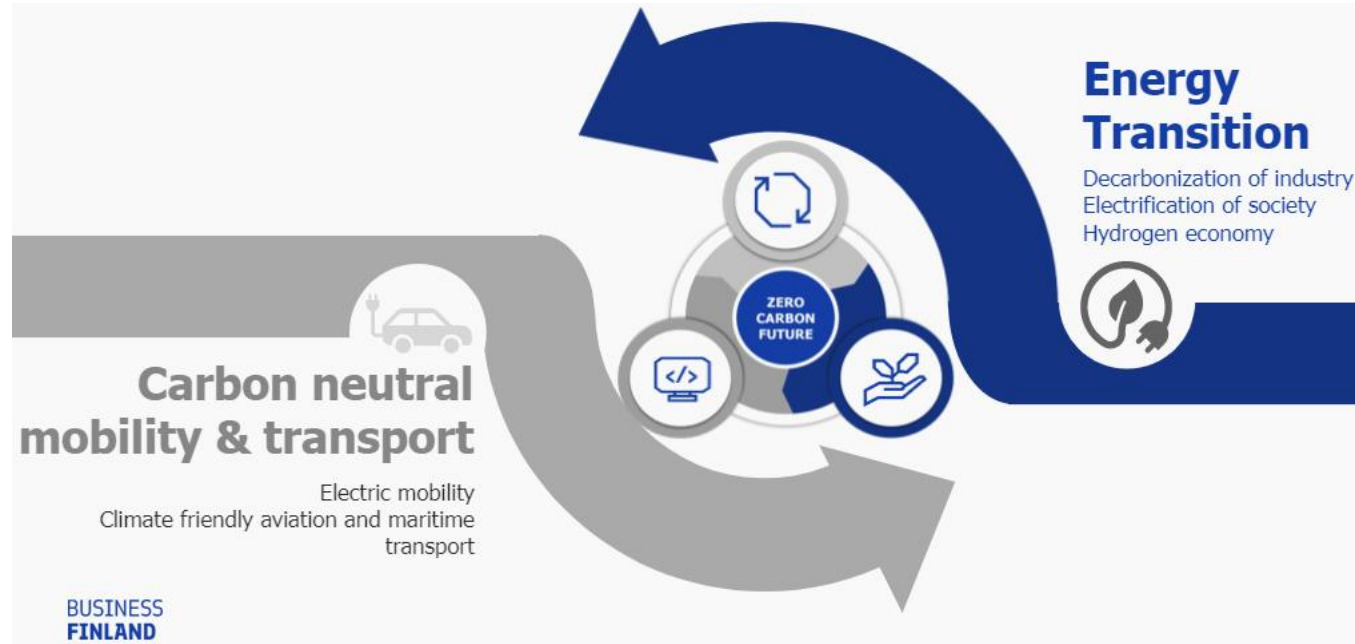
**BUSINESS
FINLAND**

CALL FOR IDEAS: HYDROGEN & BATTERIES

**TERO IJÄS
ECOSYSTEM LEAD
13.03.2023**

BACKGROUND

Mission: Zero Carbon Future



Program preparation “Hydrogen and Batteries – Dual Helix of Decarbonization”

HYDROGEN

Topics

- Ideas with significant and ambitious promotion of the hydrogen economy and power-to-x solutions. Broader cross-industry solutions that utilize e.g. digital and circular economy, are particularly interesting.
- Hydrogen solutions for industrial needs and innovative end use; for example, replacing fossil raw materials in the chemical, pharmaceutical, food industry, etc.
- Hydrogen valleys and related system-level solutions
- Hydrogen and power -to-x solutions in marine and heavy traffic
- Power-to-x innovations
- Digital solutions in the hydrogen context
- New business models such as service business
- Material innovations related to hydrogen

Contact

Tero Ijäs

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Ecosystem lead

BATTERIES

Topics

- New, sustainability-enhancing production technologies that, for example, reduce emissions from production, the use of chemicals and waste material.
- Material technical solutions, e.g. replacement of critical materials
- Battery applications as part of the energy system and new business models.
- Improving the safety and occupational safety of production and products at different stages of the battery value chain.

Contact

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Ecosystem lead

SELECTION CRITERIA

- Innovativeness and novelty value
- Significant export potential
- Wide applicability of the results in the business of companies in the short or long term
- Cross-functionality, especially the utilization of digitalization and the circular economy
- Credibility and feasibility of the applicant(s) and the preliminary plan

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THANK YOU!

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